MASTER PLANNING OVERVIEW

Mr. Greg Brewer
Assistant Chief of Staff for Installation Management
Phone: (703) 601-2541
E-Mail: gregory.brewer@hqda.army.mil
&
Mr. Jerry Zekert
Headquarters, U.S. Army Corps of Engineers
Phone: (202) 761-5789
E-Mail: Jerry.Zekert@usace.army.mil
&
Ms. Tracy Porter Wilson
Headquarters, U.S. Army Corps of Engineers
Phone: (202) 761-5780(v)/1829(f)
E-Mail: Tracy.P.Wilson@usace.army.mil

Operation Plan #01-001 Installation Master Planning

- **Purpose**
- **Situation**
  - Challenges
  - Assumptions
  - HQs Emphasis on Master Planning
- **Mission**
  - Tasks
    - Operation Plan – Sustainability
    - Operation Plan – GIS
    - Operation Plan – CIP AF/PT
- **Execution**
  - Garrison Commander's Role
  - Concept of Operations => VISION!!!
  - Process
  - Requirements & Documents/Standards
- **Service Support**
- **Command and Signal**

~~Garrison Commander's Role:~~ "The Installation Steward"

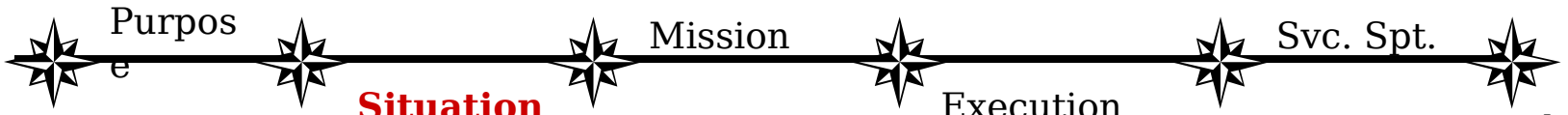
Stewardship…. the conducting, supervising or managing of something…especially: the careful and responsible management of something **entrusted to one's care**…

Purpose

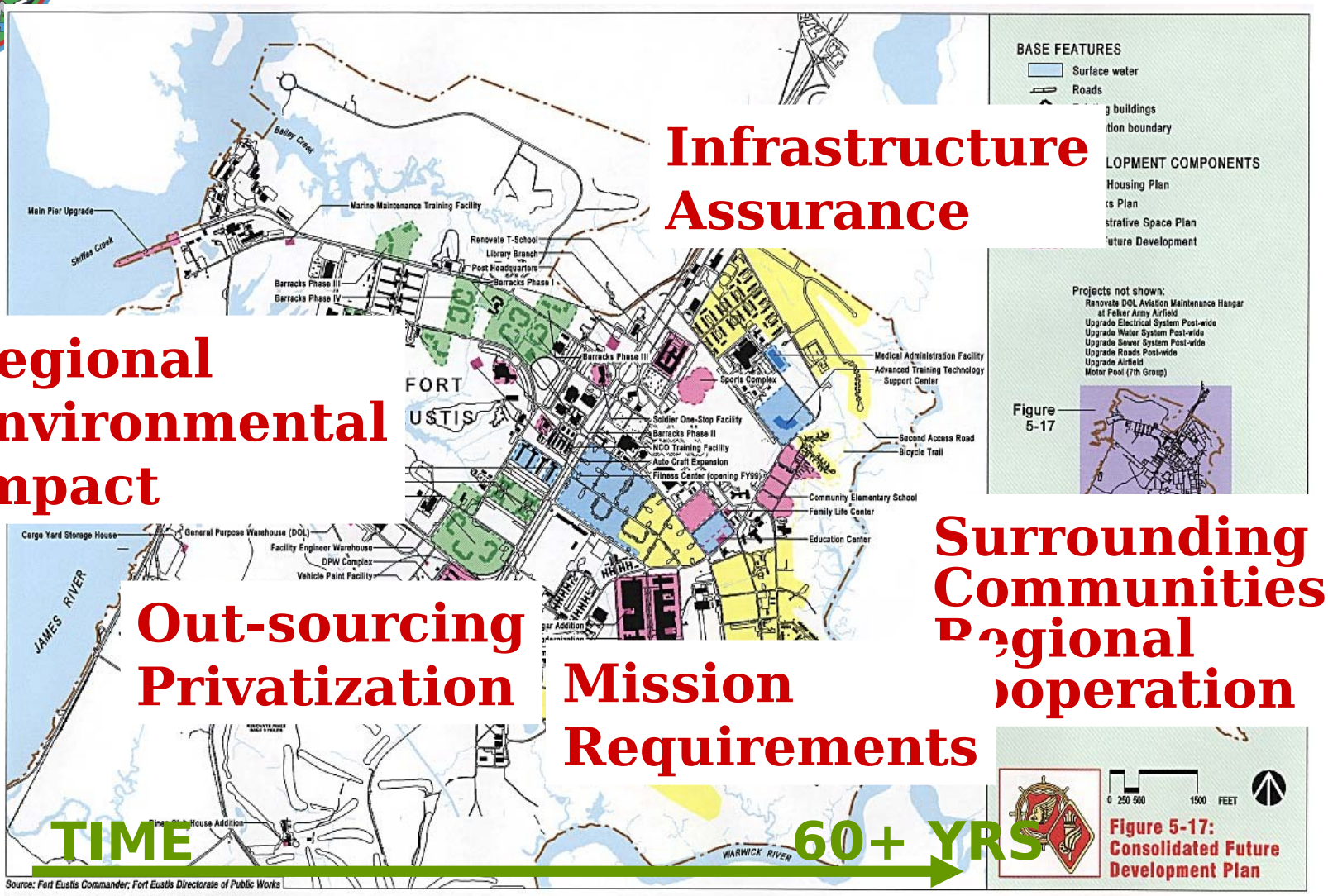
To develop a real property master plan for the future development and stewardship of your Army installation.

Situation

- **Challenges**
- **Assumptions**
- **Headquarter's Emphasis on Master Planning**



Challenges


Infrastructure Assurance
Regional Environmental Impact
Out-sourcing Privatization
Mission Requirements
Surrounding Communities Regional Cooperation
TIME
60+ YRS
BASE FEATURES
Surface water
Roads
Projects not shown:
Renovate DOL Aviation Maintenance Hangar at Felker Army Airfield
Upgrade Electrical System Post-wide
Upgrade Water System Post-wide
Upgrade Sewer System Post-wide
Upgrade Roads Post-wide
Upgrade Airfield
Motor Pool (7th Group)
Figure 5-17
Figure 5-17: Consolidated Future Development Plan
FORT EUSTIS
JAMES RIVER
WARWICK RIVER
Source: Fort Eustis Commander; Fort Eustis Directorate of Public Works
SUMMARY DEVELOPMENT PLAN, FORT EUSTIS, VIRGINIA
5-58

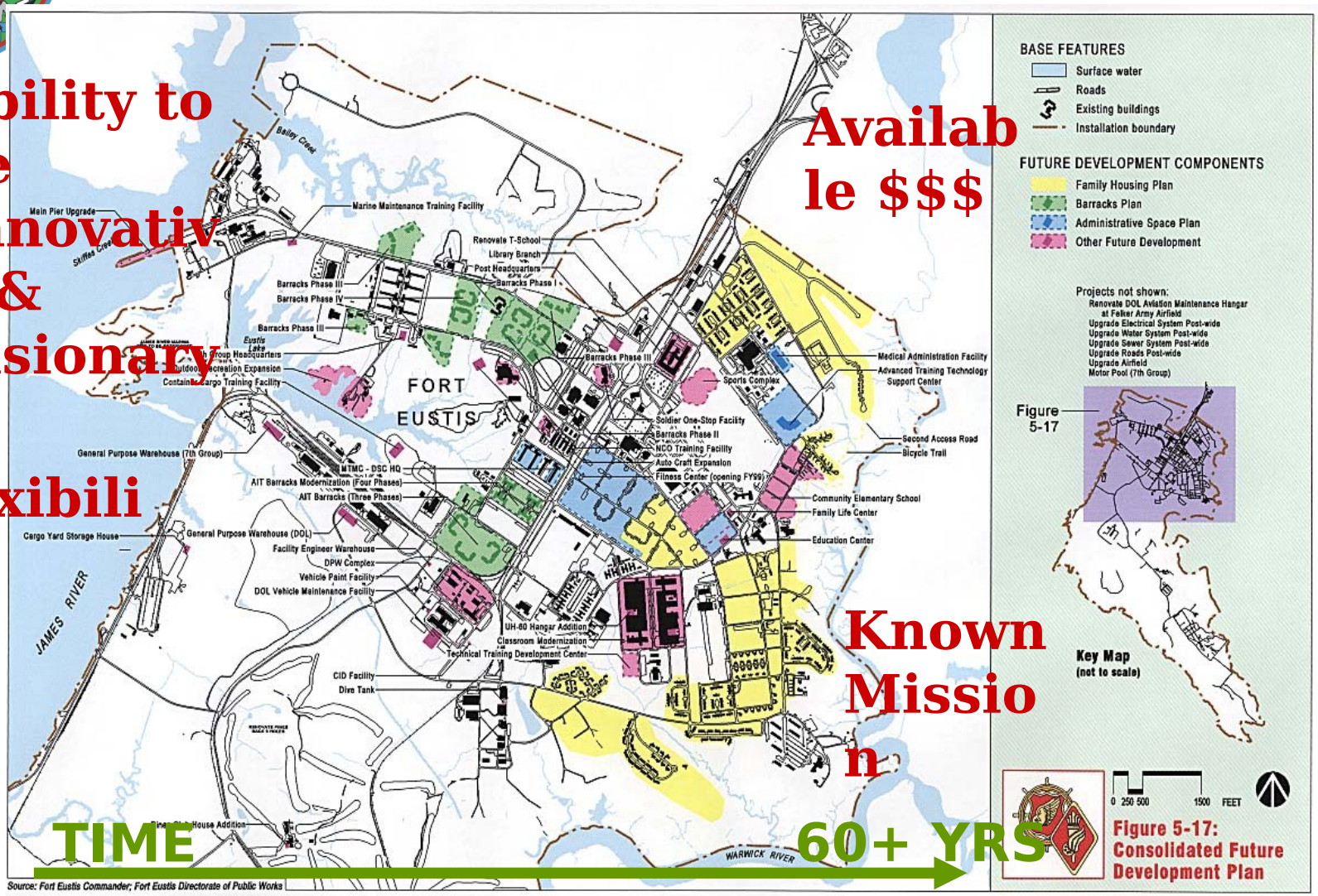
Assumptions

Ability to be Innovative & Visionary

Availab le $$$

Flexibili ty

Known Missio n



TIME → 60+ YRS

Headquarter's Emphasis on Master Planning

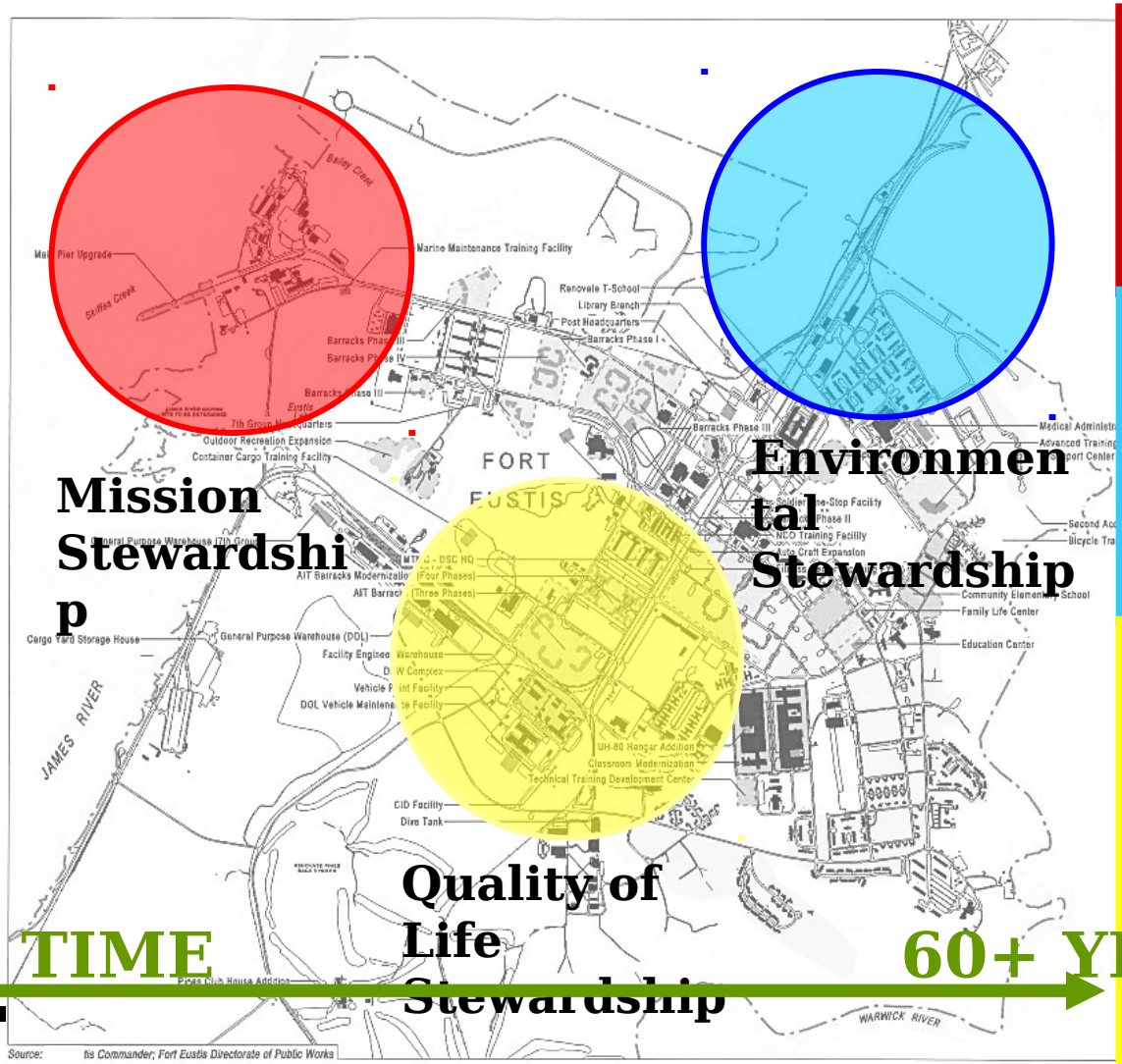
Garrison Commanders:

- **The master plan is the life's blood of the installation's future.**
- **You must have the following fundamental pieces of this process to be successful:**
  - **Real Property Master Planning.**
  - **Installation Master Plan.**
  - **Installation Strategic Planning.**
  - **Installation Planning Board (IPB).**
- **Master planning is not an occasional pursuit; it is not optional; it is a continuous process that must be worked skillfully and hard. It is the process that enables proper decisions on the use and preservation of our land and infrastructure, ensures good stewardship of construction resources and builds enduring installations.**

Source: Netcall #10, MG Aadlund, Director, HQ-IMA **dland, Director, IMA***

(Note: Netcall# 10 is included as a*

Garrison Commander's Role: Installation Steward

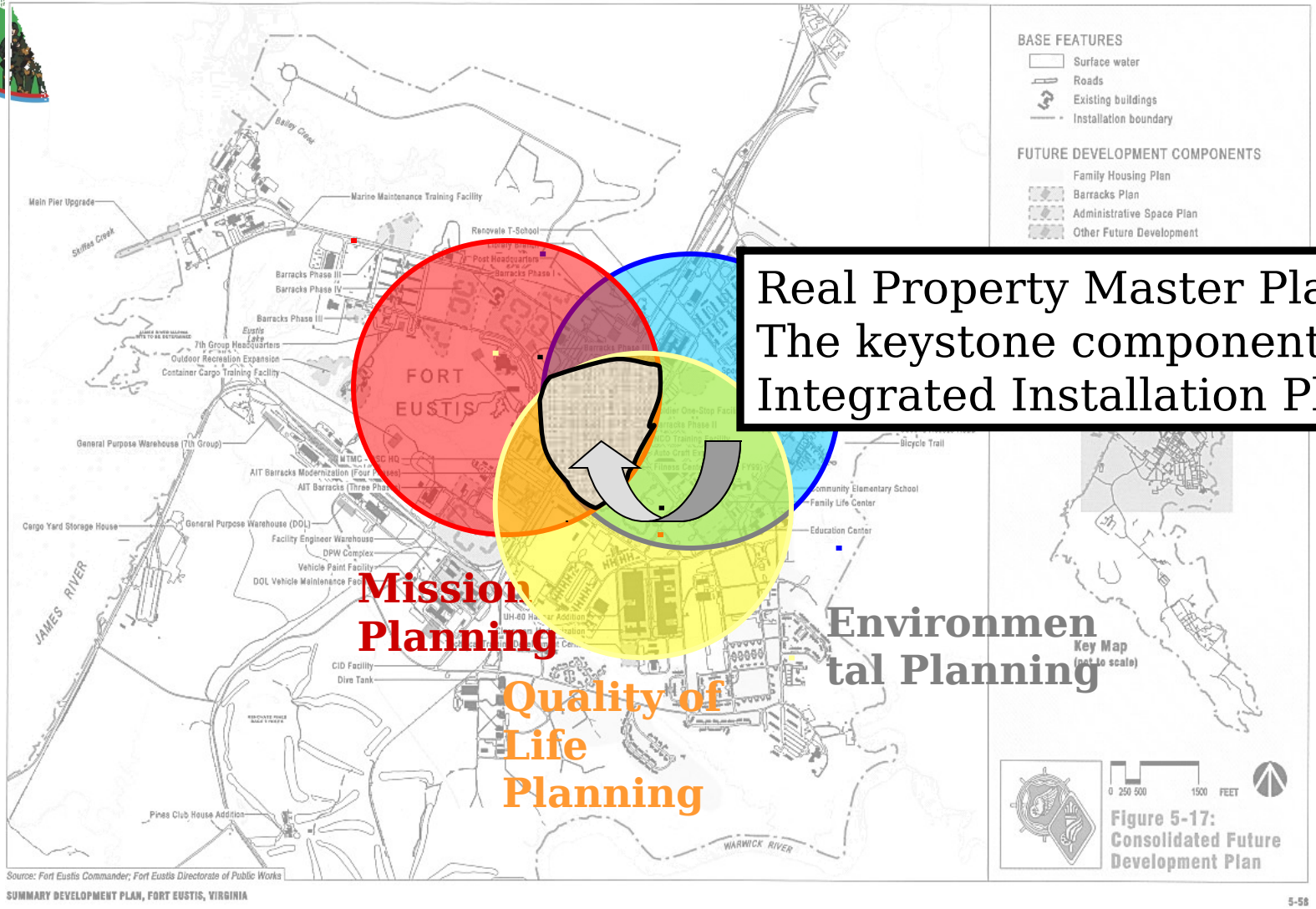


Mission Stewardship
- ✓Mission Requirements
- ✓Range & Training Land
- ✓Critical Infrastructure Protection

Environmental Stewardship
- ✓Natural/ /Cultural Mgt
- ✓Environmental Mgt
- ✓Noise
- ✓Sustainability

Quality of Life Stewardship
- ✓Soldier, Civilians and
- ✓Dependents
- ✓Working Environment
- ✓Transportation
- ✓Recreation
- ✓Surrounding Comm

TIME → **60+ YRS**


Real Property Master Planning
The keystone component to
Integrated Installation Planning
Mission Planning
Environmental Planning
Quality of Life Planning
BASE FEATURES
Surface water
Roads
Existing buildings
Installation boundary
FUTURE DEVELOPMENT COMPONENTS
Family Housing Plan
Barracks Plan
Administrative Space Plan
Other Future Development
FORT EUSTIS
JAMES RIVER
WARWICK RIVER
Key Map
Figure 5-17:
Consolidated Future
Development Plan
Source: Fort Eustis Commander; Fort Eustis Directorate of Public Works
SUMMARY DEVELOPMENT PLAN, FORT EUSTIS, VIRGINIA
5-58

Mission

- **To develop a real property master plan (RPMP) for the short-term, mid-term, and long-term development of your installation that ensures mission, quality of life, and environmental stewardship are achieved.**
  - **Task(s):**
    - **Operation – Sustainability**
    - **Operation – GIS**
    - **Operation – CIP/AT/FP**

Sustainable Develop

Meeting the needs of the present without compromising the ability of future generations to meet their own needs

RP planning sustainability focuses on the life cycle of the built environment in an environmentally and energy efficient manner.

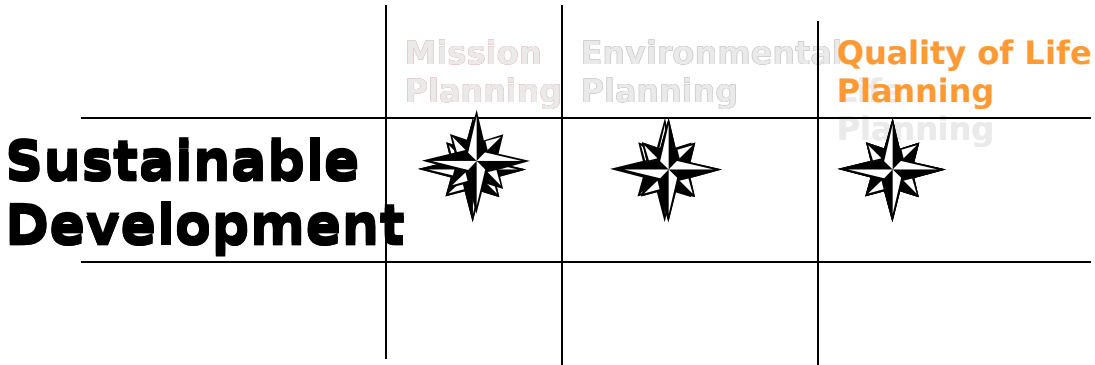
Cost effective solutions that look at BOTH first and life-cycle costs, energy savings, reduced emissions and the use of recycled materials.

Quality of Life Planning

Improve housing opportunities for soldiers and dependents vs creating problems with transportation, run-off, accessibility, increased operation costs

Improving work environment, for installation while meeting energy use limits, accessibility problems

Changing QoL needs for soldiers and their families



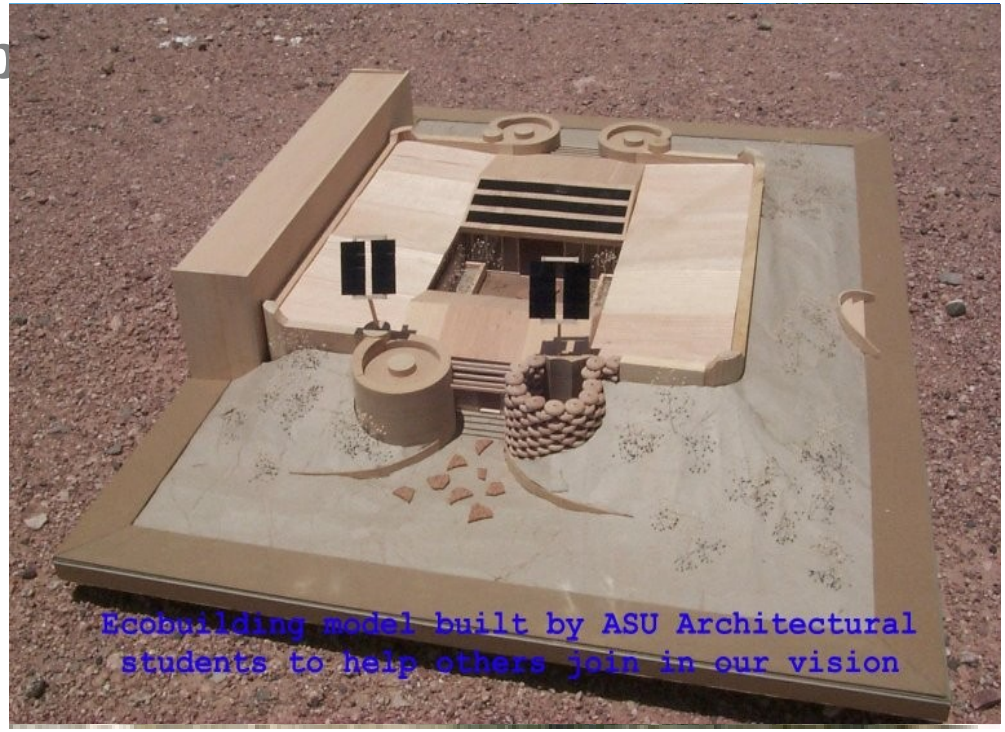
Sustainable Develop

SOLUTION
S

Develop innovative Re-use plans versus building new facilities

Insist capital improvements include energy efficiency/ and other sustainable designs

Promote the expansion of installation to "natural environment"

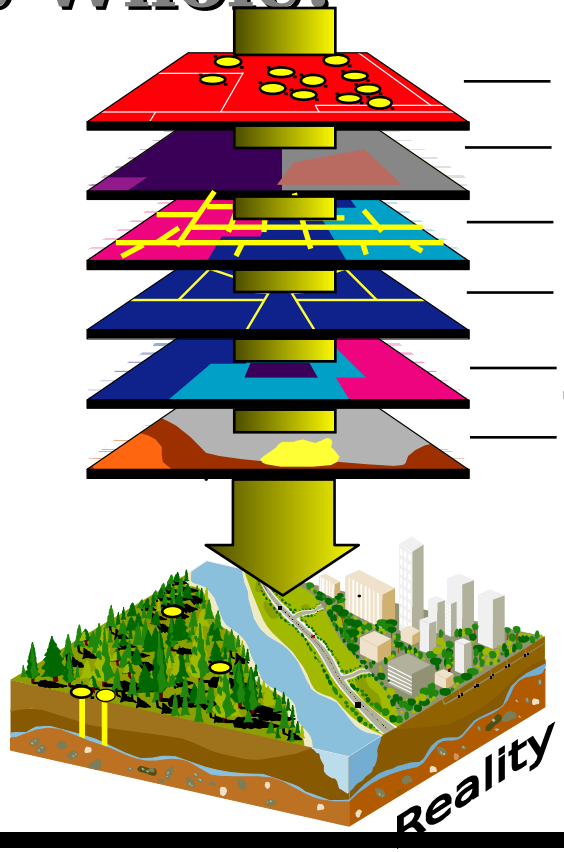


Sustainable Development

Mission Planning | **Environmental Planning** | **Quality of Life Planning**

How Do We Bring It Together?

- **GIS Integrates All the Parts...to See the Whole!**



Buildings/Facilities

Natural and Cultural Resources

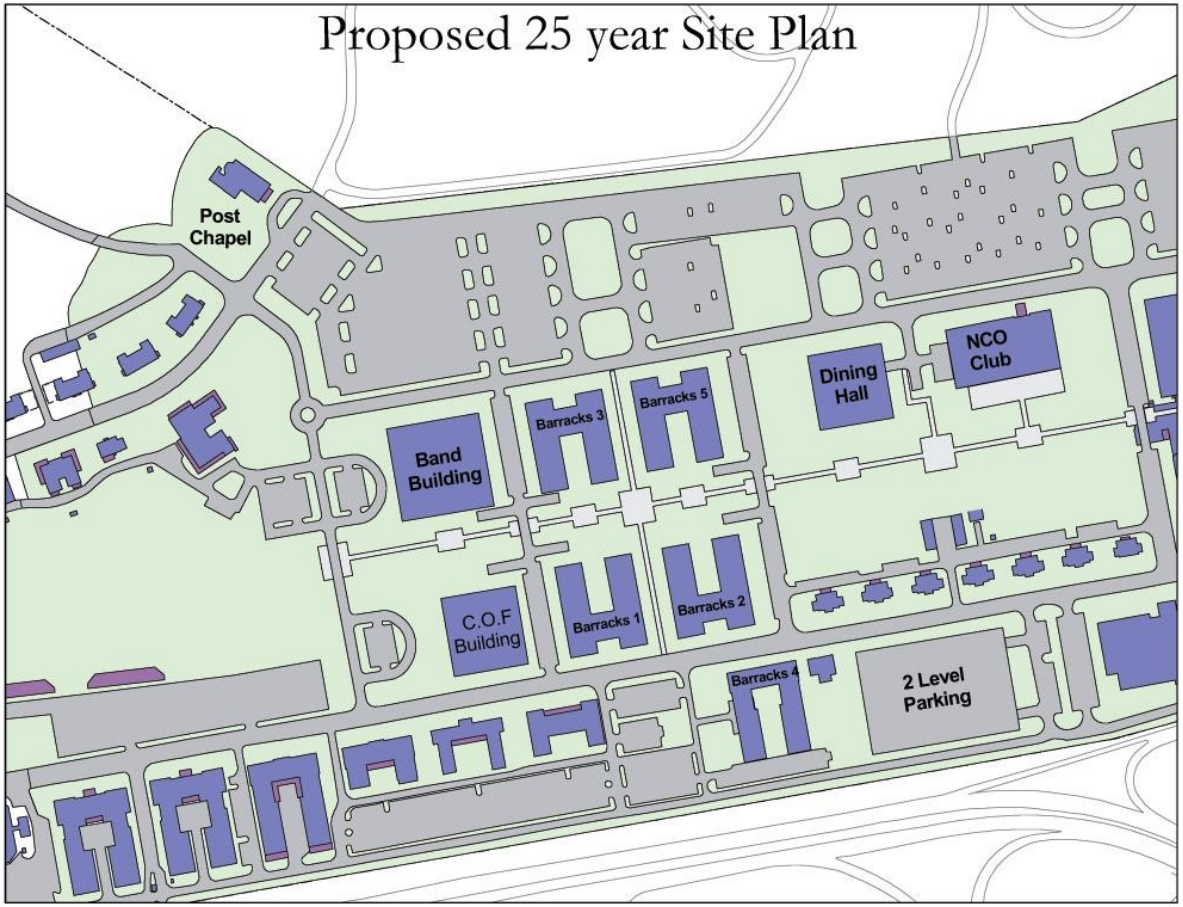
Roads and Utilities

Boundary Lines

Training Areas

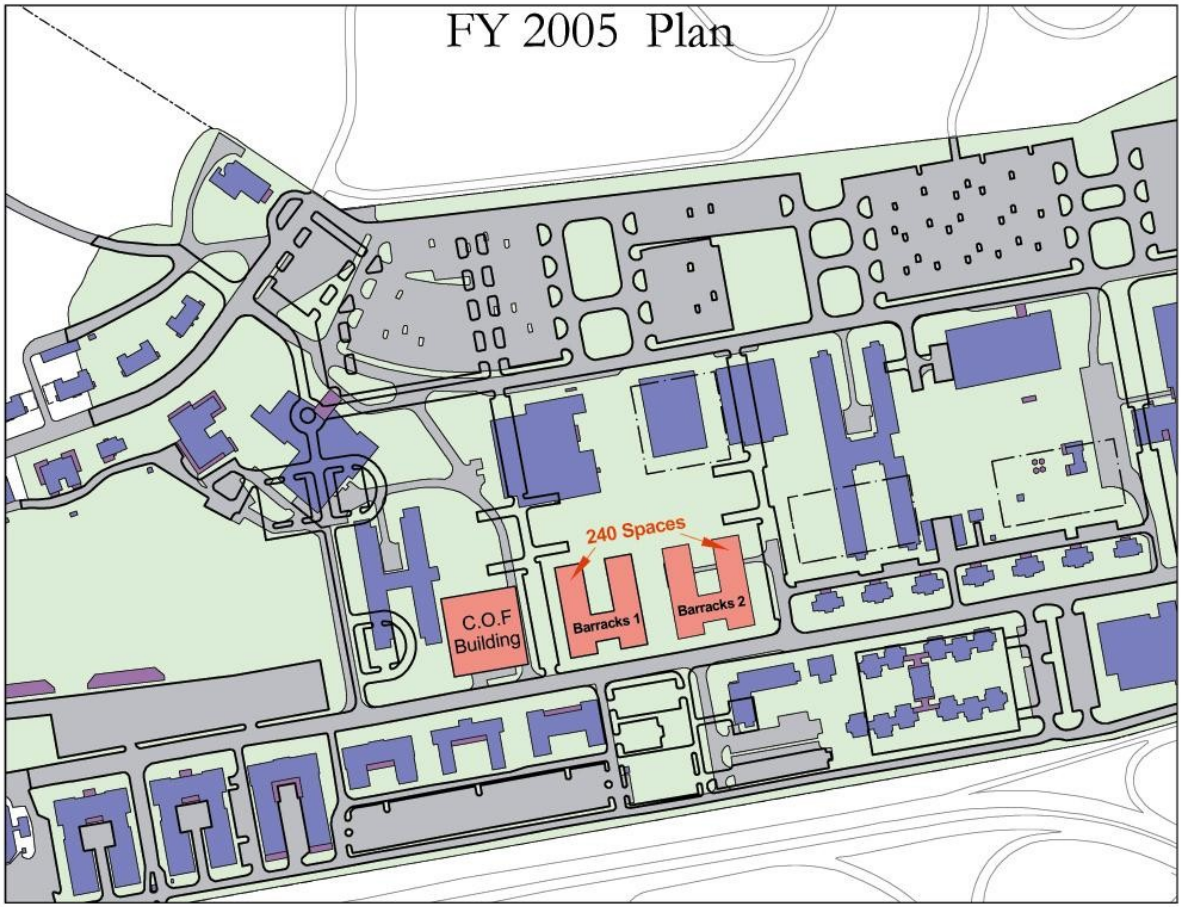
Surrounding Community

Master Planning – Site Plans

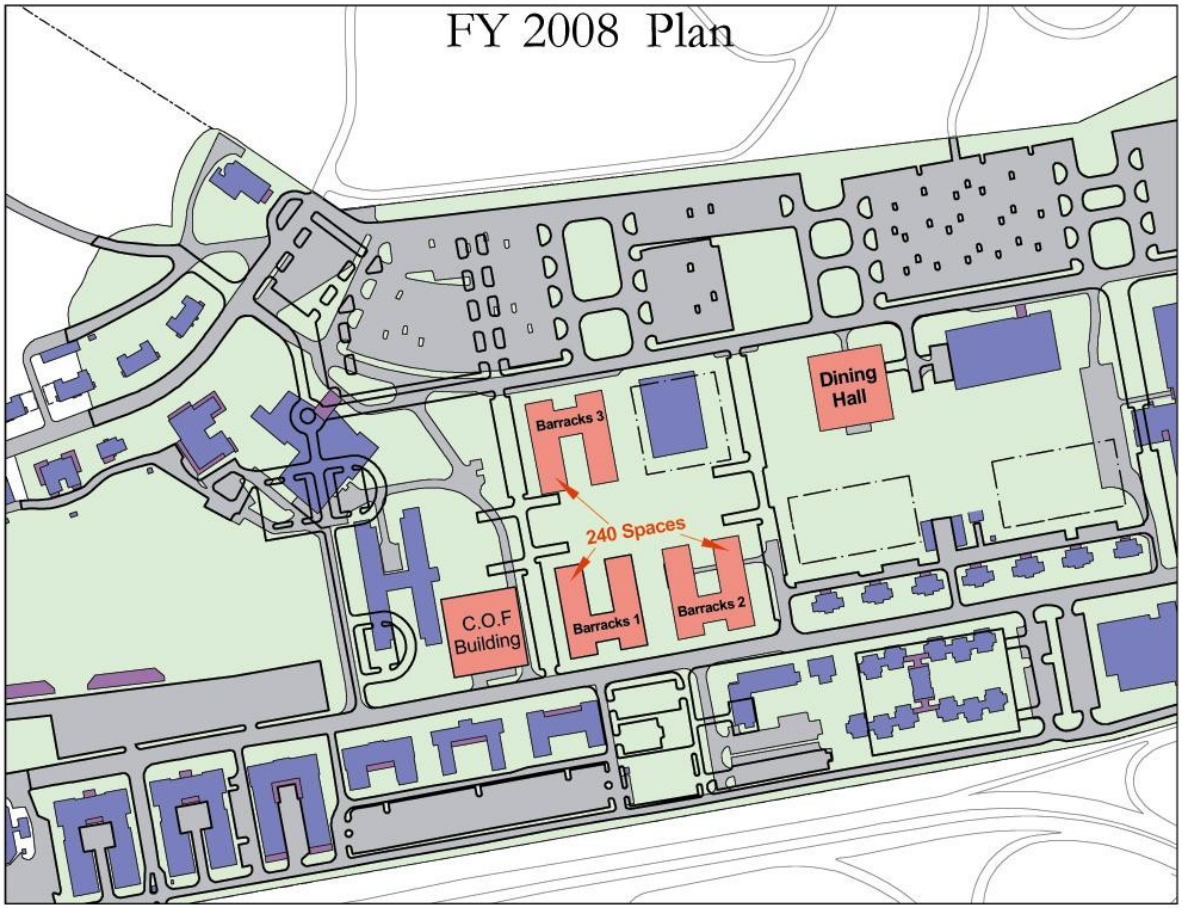


Master Planning Area Development Plans

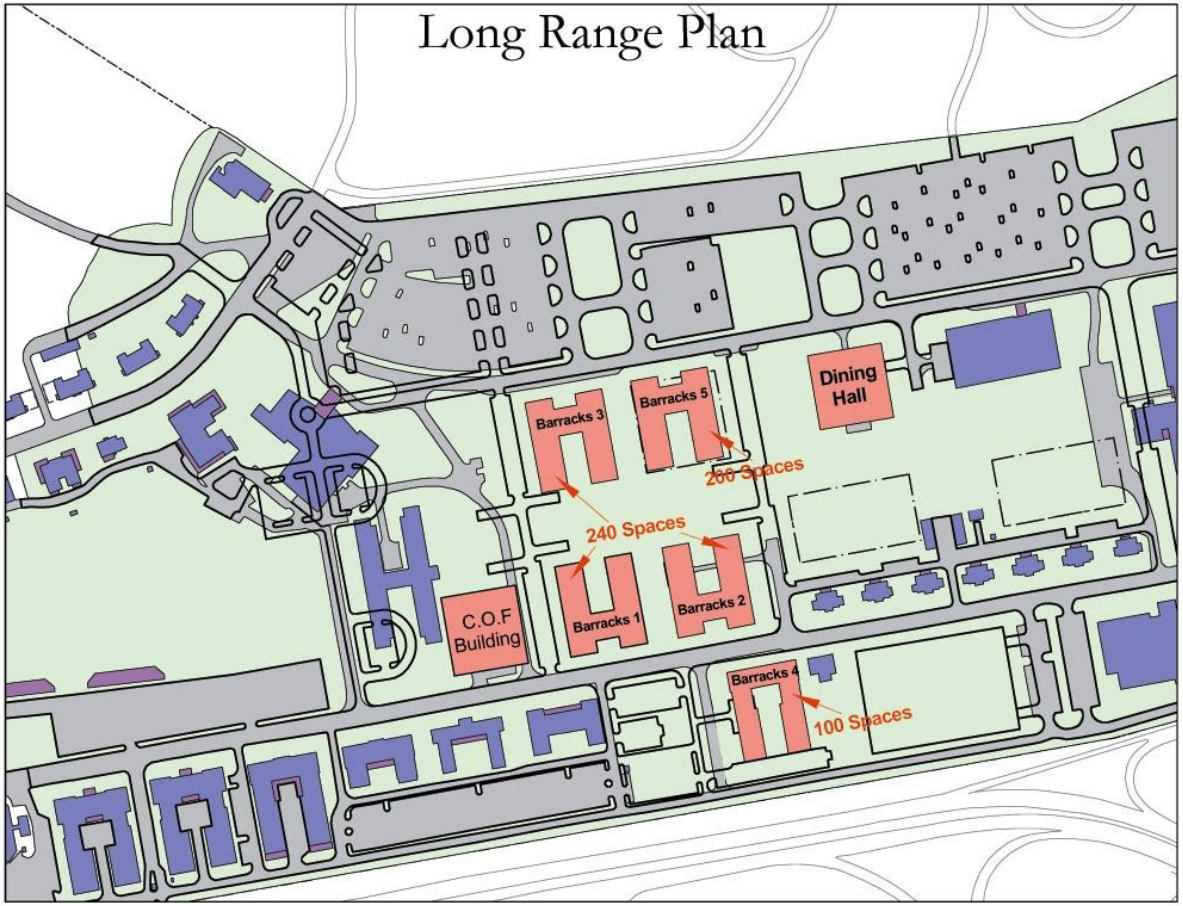
Master Planning Area Development Plans



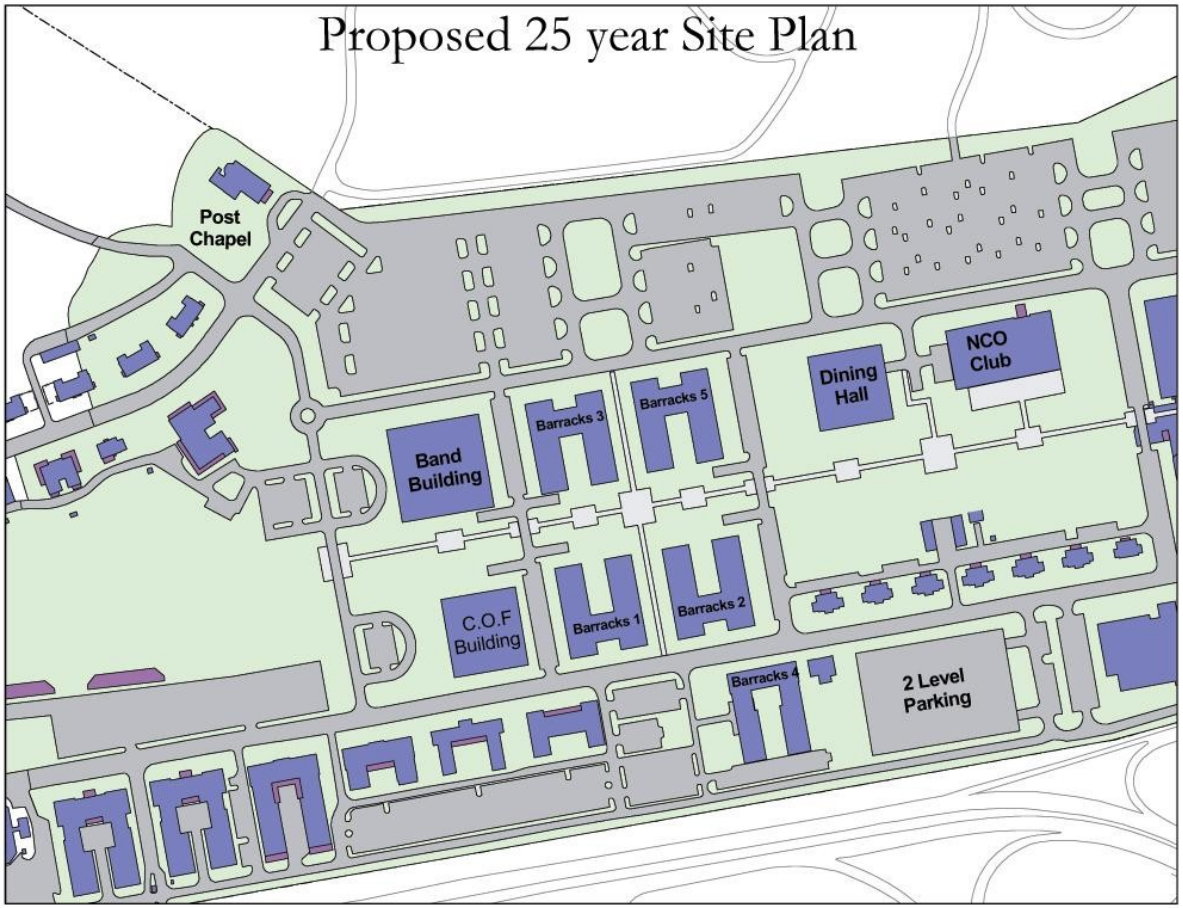
Master Planning – Site Plans



Master Planning – Site Plans



Master Planning – Site Plans



Critical Infrastructure Prot

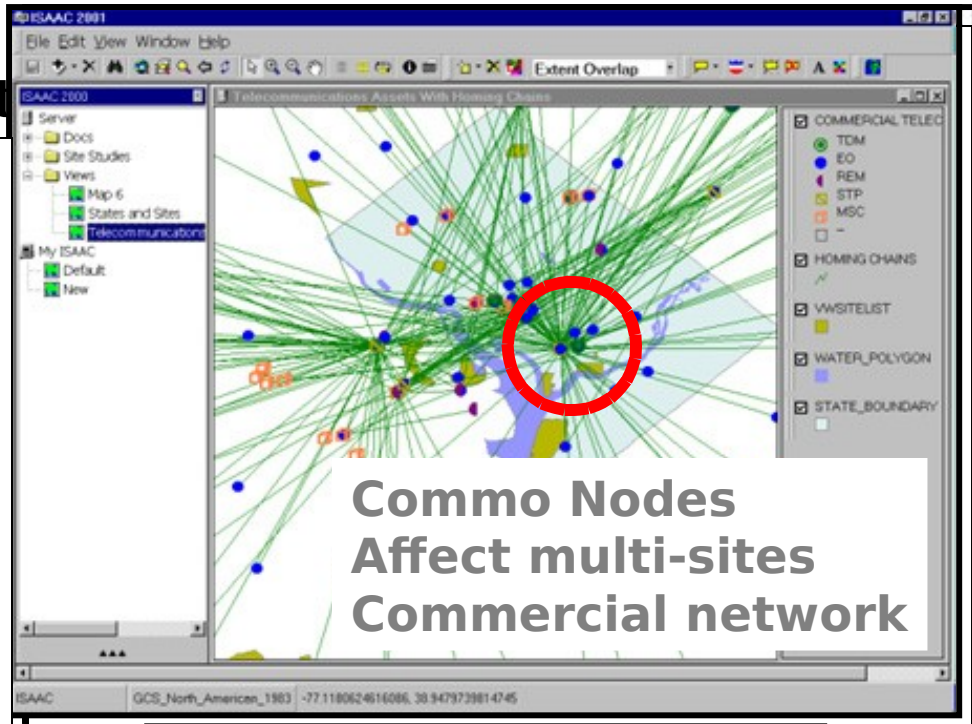
Infrastructure Assurance Recommendations

Consider Infrastructure Assurance concerns in utility/transportation planning efforts

When out-sourcing ensure Infrastructure Assurance Concerns are addressed

Make sure Utility out-sourcing includes provision to provide system maps

Improve regional planning cooperation



Telecommunications Networks

Critical Infrastructure Protection

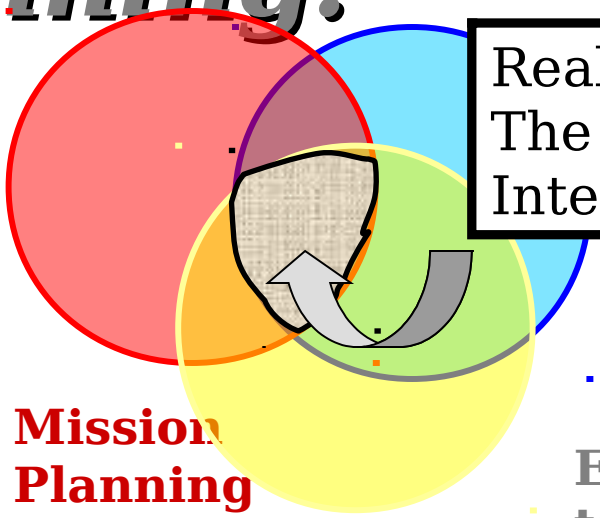
- ✓**Must understand commercial/ off post Networks**
- ✓**Non-structural solutions can be developed**

Execution

- **Garrison Commander's Role**
- **Concept of Operations => VISION!!!**
- **Process**
- **Requirements & Documents**

Garrison Commander's Role:

"To champion Real Property Master Planning."



Real Property Master Planning
The keystone component to
Integrated Installation Planning

Installation Roles and Responsibilities

- **Garrison Commanders must:**
  - ✓ **Ensure the installation Master Plan is prepared and maintained.**
  - – **Establish a Real Property Planning Board.**
  - – **Ensure that the RP needs of all installation and tenant units and supported activities are known and reflected in the RPMP.**
  - ✓ **Ensure all major repair, minor and major construction and real estate acquisition/disposal activities, regardless of fund source are consistent with and included in the approved RPMP.**
  - ✓ **Maintain an accurate RP inventory.**

Master Planning is coordination, cooperation and communication

Concept of Operation

-VISION

- ***Defined*:**
  - ***The unusual capability in discernment or perception: intelligent foresight***. *(Source: MerriamWebster's Dictionary, 2003.)*

- ***Visioning***:
  - ***The act or power in which one sees or conceives of something***. *(Source: MerriamWebster's Dictionary, 2003.)*

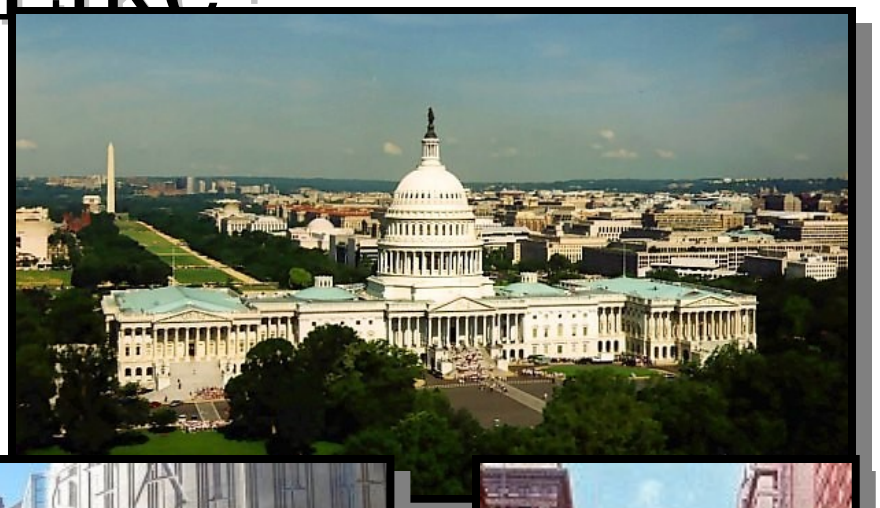
Considerations in Master Planning

- VISION
  - Meshing of installations missions and community
  - Visual Image
  - Sense of "Home"
- Sustainability
  - 67 year decisions
  - Renewable vs. depletion of resources
  - Cost of doing it vs. not doing it
- AT/FP – Critical Infrastructure

What Does Vision Look Like?

"For those who believe that planning always fails, and to curb the impatience of others who expect planners to solve problems 'right now', good planning sometimes takes time to bear fruit. This is so that the long-term quality and livability/workability of communities are not left to chance."

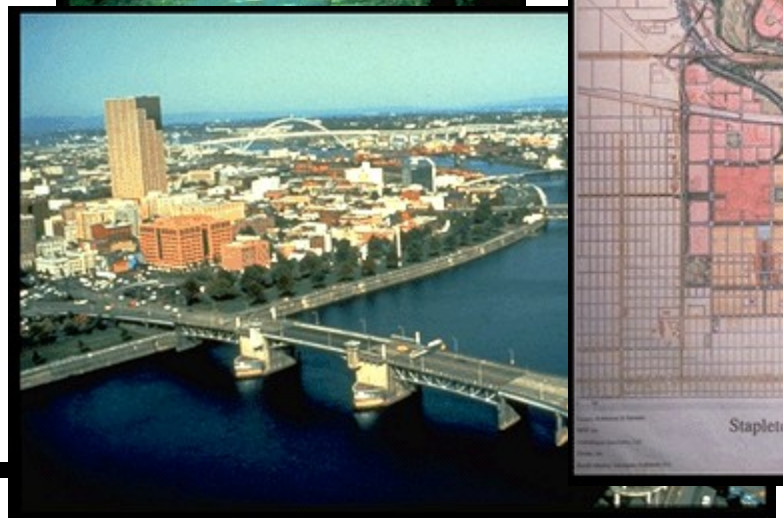
Gene Bunnell, AICP, Author – Making Places Special



What Is Vision?

“ Do I think architects, planners and preservationists can change the world? Yes, I do. You can design communities and an culture, and not just buildings and spaces.”

Robert A. Peck, esq., Hon. AIA, Architecture DC Magazine, Winter 2003



What Does Vision Look Like?

"Managing and sustaining the development, operations, and missions of our installations will be impossible without adequate planning, and adequate planning takes VISION"

Tracy P. Wilson, HQUSACE, 2003

What Does Army Vision Look Like?

Process

1. **Establishing**
2. **Inventorying**
3. **Describe Mission Demograph**
4. **Define Requirements**
5. **Develop alternatives/ Identify**
6. **Take Action**

Requirements & Documents

- Real Property Master Plan
- Supporting Plans
- Responsibilities
  - Garrison Commander for RPMP
  - Real Property Planning Board
  - Installation (Strategic) Planning Board

Real Property Master Plan

- Real Property Master Plan Digest
- Installation Design Guide
- Long-Range Component
- Capital Investment Strategy
- Short-Range Component

Contributing Plans/ Documents

Local Community Plans

RP Master Planning Template

- **IDG**
- **MP Graphics**

Web enabled Products

RPMP Improvements

Accurate Baseline Information
Relevant
Affordable
Flexible

Installation Planning Documents

Real Property Master Plan

Keystone to installation integrated planning

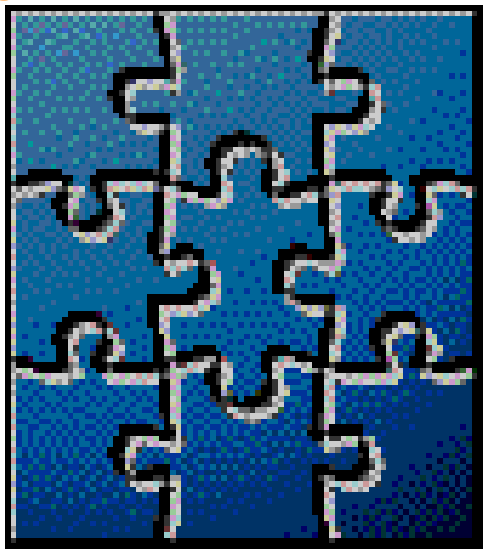
Facilitates the Installation Master Plan

Integrated Natural Resources Management Plan

Installation Management Action Plan

Range & Training La Master Plan

Information Systems Plan



Local Community Developmen Plans

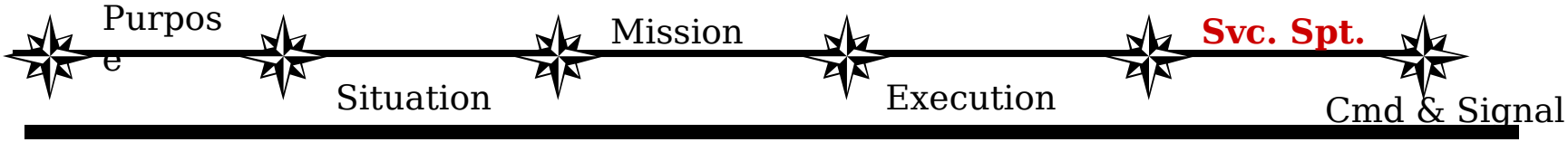
Physical Security Plan

Housing Master Plans

Environmental Management Plans

Service Support

- Training
- References & Documents
- Tools
  - Automated Information/Data Tools
  - **Most Critical Technology Tool => GIS in Planning?!**



Master Planning Training

- USACE Prospect Master Planning Course

- Installation Management Institute Courses

- DPW Management & Operations Course

References & Documents

- AR 210-20, Master Planning for Army Installations
- Master Planning Instructions
- Army Criteria Tracking System
- Installation Design Guide Criteria & Standards (IDG)
- USACE Master Planning Web site:

  http://www.hq.usace.army.mil/isd/librarie/RP/rp.htm

- VISIONs' Newsletter, the periodical of Army RPMP

  http://www.hq.usace.army.mil/isd/librarie/RP/rp.htm

Supplemental Support

- All members of the Garrison Staff
- Regional IMA staff
- MACOM and tenant organizations
- Army Corps of Engineers
- Other: Local planning agencies, colleges and universities,

American Planning Association

Automated Tools

- **Real Property Planning and Analysis System (RPLANS)**

  RP allowances/requirements

- **Headquarters Executive Information System (HQ-EIS)**

  FYDP, EFRs, ISR, GIS, etc.

- **Integrated Facilities System (IFS)**

  Real Property Inventory (RPI)

- **Army Stationing and Installation Plan (ASIP)**

  Authorized Force Strengths at Installations

- **Installation Status Report (ISR)**

  Installation Facility Quantity and Quality Status

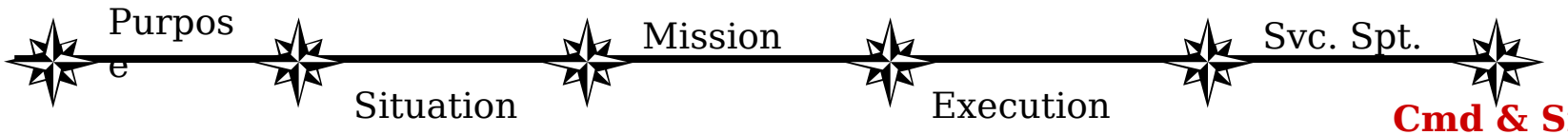
- **Geographic Information System (GIS)**

  Integrated Mapping and Tabular (descriptive) Data

Command & Signal

- Command
  - Garrison Commander
  - Real Property Planning Board (RPPB)

- Signal
  - Public Information via PAO
  - Intergovernmental Coordination



A Thing To Remember !!!!

"Not having a PLAN is to plan for failure!"

Q&A

Points of Contact:

Greg Brewer
Assistant Chief of Staff for Installation Management
DAIM-MD
(703) 601-2541
Gregory.Brewer@HQDA.ARMY.MIL

Jerry Zekert
HQ, U.S. Army Corps of Engineers
CEMP-IP
(202) 761-5789
Jerry.C.Zekert@USACE.ARMY.MIL

Tracy Porter Wilson
HQ, U.S. Army Corps of Engineers
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(202) 761-5780
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